HIGHWAY PERFORMANCE MONITORING SYSTEM

A state and national data system consisting primarily of:

- Roadway Inventory
- Traffic data
- Pavement data

The complete listing of data catalogs with all of the data items is available in the FHWA's HPMS Field Manual found here: http://www.fhwa.dot.gov/policyinformation/hpms/fieldmanual/

We are still seeking these items
Whatever traffic data you can provide

- **ADT (or AADT)**

- **Peak Hour Volume (or K Factor).**

- **D Factor**

- **Truck Percentages**

- **Forecast Traffic**

Data Collection Guide for SPS WIM Sites
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Figure C-I – FHWA Vehicle Classification Scheme

Class	Illustration	Description
1		Motorcycles
2		Passenger Cars
3		Pickups/Vans
4		Buses
5		6 tire two-axle single unit trucks
6		Three axle single unit trucks
7		Four or more axle single unit trucks
8		Four or fewer axle truck and trailer combinations
9		Five axle truck and trailer combinations
10		Six or more axle truck and trailer combinations
11		Five or fewer axle multis
12		Six axle multis
13		Seven or more axle multis
✖		Errors/Unknown

Passenger Vehicles

Single-Unit Trucks

Combination-Unit Trucks

These are negligible

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A Public Road

- A public road is any road or street owned and maintained by a public authority and open to public travel. [23 U.S.C. 101(a)].
- … must be … passable by four-wheel standard passenger cars, and open to the general public for use without restrictive gates, prohibitive signs, or regulation ...
[23 CFR 460.2(c)]

Functional Classification Conversion Table

Old FC Code			New FC Code
1, 11		Interstate	1
12		Other Freeways and Expressways	2
2, 14		Other Principal Arterial	3
6,16		Minor Arterial	4
7, 17		Major Collector	5
8		Minor Collector	6
9, 19		Local	7

State Highway Traffic Data

Traffic and Vehicle Data Systems Unit

http://www.dot.ca.gov/hq/traffops/saferesr/trafdata/index.htm

Caltrans traffic counts are summarized annually into three reports:

- **Traffic Volumes**
- **Annual Average Daily Truck Traffic**
- **Ramp Volumes**

These may be downloaded from this site (PDF or Excel Files).

For more information

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This presentation is available at the HPMS web site:
http://www.dot.ca.gov/hq/tsip/hpms/index.php

The reports look good so far
Can you update them or replace with a more recent data file?

If you have not yet turned in a data file, either for traffic or pavement data, please consider placing one here:

ftp://data.scag.ca.gov/